

BEFORE  
THE PUBLIC SERVICE COMMISSION OF  
SOUTH CAROLINA  
DOCKET NO. 2003-327-C

IN RE:	)	<b>SECOND SET OF</b>
Continued Availability of Unbundled High	)	<b>INTERROGATORIES OF</b>
Capacity Loops at Certain Locations and	)	<b>OF MCI WORLDCOM</b>
Unbundled High Capacity Transport on Certain	)	<b>COMMUNICATIONS, INC.,</b>
Routes Pursuant to the Federal Communication	)	<b>INTERMEDIA COMMUNICATIONS,</b>
Commission's Triennial Review Order	)	<b>INC., AND MCIMETRO ACCESS</b>
	)	<b>TRANSMISSION SERVICES, LLC</b>
		<b>TO BELL SOUTH</b>
		<b>TELECOMMUNICATIONS, INC.</b>

**INSTRUCTIONS**

Please answer each question separately and in the order that it is asked. The numbers of the answers should correspond to the numbers of the Interrogatories being answered. Please copy each question immediately before the answer. Following each answer, please identify the person or persons responsible for the answer and indicate what person or witness provided responsive information or documents, and where applicable, what witness will sponsor each answer in testimony.

In response to Interrogatories seeking the production of documents, please produce all responsive documents for inspection and copying unaltered and/or unredacted as they are kept in the usual course of business and organize and label them to correspond to the categories in this request. If the requested documents are kept in an electronic format, you shall produce the requested document in such format. If any part of a document is responsive to any request, the

whole document is to be produced. If there has been any alteration, modification or addition to a document (whether in paper form or electronic), including any marginal notes, handwritten notes, underlining, date stamps, received stamps, attachments, distribution lists, drafts, revisions or redlines, each such alteration, modification or addition is to be considered as a separate document and it must be produced.

In response to Interrogatories requesting you to identify documents or other items, information or materials for disclosure, please identify the document(s) or other item(s), information or material(s) in sufficient detail so that they can be produced in response to a separate Request for Production. Such identification shall contain the number (and subpart, if applicable) of the Interrogatory requesting the identification and the page count or description of the document or item. Additionally, to the extent known, the listing shall include the author, publisher, title, date, and any “Bates” or other sequential production numbering for the document or item. When responding to the Request for Production, please produce copies of all documents, other items, information or materials that were identified in response to a request or directive to “identify for disclosure” in MCI’s Interrogatories. For each document or other item, please identify by number (including subpart, if any) the interrogatory which caused the “identification for disclosure”.

Please produce the requested information at the most granular level you possess. If a Interrogatory seeks information at a level more granular than what you possess, please do not object or decline to answer or produce on that basis, but rather, state that you do not possess information at that level and produce the information requested at the most granular level that

you possess. MCI is not asking for the creation of brand new data, but is seeking all available data for the specific categories and sub-categories described.

Please produce all information requested on any table by filling in the table provided in these Interrogatories. If additional explanation is required, please copy the question and provide your response below.

As used in these requests, the singular shall also be treated as plural and vice-versa. If you are unable to respond fully and completely to a document request, you shall explain the reasons why you are unable to do so. The terms defined above and the individual requests for information should be construed broadly to the fullest extent of their meaning in a good faith effort to comply with all applicable rules, including without limitation the Procedural Rules of the South Carolina Public Service Commission.

This request is directed to all documents and information in your custody or control. A document is deemed to be in your custody or control if you have possession of the document, have the right to secure such document or communication from another person having possession thereof, or the document or communication is reasonably available to you (including those documents or communications in the custody or control of your company's present employees, attorneys, agents, or other persons acting on its behalf and its affiliates. In response to requests for production of documents contained in these Interrogatories, you shall produce the document, including all appendices, exhibits, schedules, and attachments, that is most relevant to the request.

If you are unable to produce a document or information based on a claim that the document is not in your custody or control, state the whereabouts of such document or

information when it was last in your possession, custody or control, and provide a detailed description of the reason the document is no longer in your possession, custody or control, and the manner in which it was removed from your possession, custody or control.

These Interrogatories are continuing in nature, and should there be a change in circumstances which would modify or change an answer supplied by your company, then in such case, you should change or modify such answer and submit such changes answer as a supplement to the original answer. Further, should a subsequent version(s) of a document have been created or exist as of the date of this Interrogatory, such version(s) must be produced. Where prior versions or drafts of documents exist, please produce all such documents in your possession, custody or control.

MCI requests that you answer these Interrogatories under oath or stipulate in writing that its Interrogatories responses can be treated exactly as if they were filed under oath.

If you claim a privilege, or otherwise decline to produce or provide, any document or information responsive to one or more of the following categories, in addition to, and not in lieu of, any procedure that you must follow under law to preserve your objection(s) and/or privilege(s), within thirty (30) days after receiving these Interrogatories, the attorney asserting the privilege shall:

- a. identify in the objection to the request for information, or sub-part thereof, detailed reasons for your claim of privilege or other basis for protecting the

document or information from disclosure; and the nature of the privilege (including work product) that is being claimed; and

- b. provide the following information in the objection, unless divulgence of such information would cause disclosure of the allegedly privileged information:

(i) for documents: (1) the type of document; (2) subject matter of the document; (3) the date of the document; (4) the number of pages in the document; (5) the location or custodian of the document; (6) such other information as is sufficient to identify the document for a subpoena *duces tecum*, including, where available, the names(s), address(es) and telephone number of the author(s) of the document and all recipient(s), and, where not apparent, the relationship of the author and addressee to each other;

(ii) for oral communications: (1) the name(s), address(es) and phone number(s) of the person making the communication and the name(s), address(es) and phone number(s) of the persons present while the communication was made; (2) the relationship of the person(s) present to the person(s) making the communication; (3) the date and place of each communication; (4) the general subject matter of the communication.

In the event that any requested information is considered by you to be confidential, the attorney asserting such confidential status shall inform MCI of this designation as soon as he or she becomes aware of it, but in any event, prior to the time the responses to the Interrogatories

are due to discuss or negotiate a compromise. However, the confidential documents should be produced pursuant to the protective order(s) and/or non-disclosure agreement(s) executed in this proceeding.

Answers to these requests for information are to be provided within thirty (30) days after receiving these requests, on December 24, 2003. Any request for information received by you prior to 5 p.m. EST shall be deemed received on the date of service. Service of responses, and all notifications, shall be made in person or by facsimile or email to:

Kennard B. Woods  
MCI  
Law and Public Policy  
6 Concourse Parkway, Suite 600  
Atlanta, GA 30328  
Phone (770) 284-5497  
Fax (770) 284-5488

Darra W. Cothran  
Woodward, Cothran & Herndon  
Post Office Box 12399  
Columbia, S. C. 29211  
Phone (803) 799-9772  
Fax (803) 799-3256

### **DEFINITIONS**

1. The term “analog” refers to electrical signals representing sound or data which are transmitted in a linear, non-digital format.
2. The terms “batch cut” and “batch hot cut” refer to a process by which the incumbent LEC simultaneously migrates two or more loops from one carrier’s local circuit switch to another carrier’s local circuit switch.
3. The term “bundled service” refers to a package offering to an end user customer that includes at least two different services for a single, usually discounted price, whether flat-rate or charged on a per unit basis. An example would be the offering of local and long distance service to an end user customer for a price that is less than the standard retail charges that would be assessed for each service individually.
4. The term “business end user” refers to an end user customer entity that purchases voice or data services, typically supported on multiple loops, to support a commercial

enterprise. To the extent that your own tariff and/or business practices define this term differently, please use this definition in your response.

5. The acronym “CLEC” refers to competitive local exchange carriers.
6. The acronym “CLLI” refers to common language location identifier, an 11-character code generally comprised of numerals and letters that provides a unique identifier for circuit switches used by ILECs and CLECs.
7. The acronym “CO” refers to central office, the single physical ILEC building that houses one or more Class 5/end office ILEC switch(es), and in which end user customers’ loops are cross connected to ILEC switching equipment or CLEC collocation arrangements.
8. The term “communication” includes, without limitation of its generality, correspondence, email, statements, agreements, contracts, reports, white papers, users guides, job aids, discussions, conversations, speeches, meetings, remarks, questions, answers, panel discussions and symposia, whether written or oral. The term includes, without limitation of its generality, both communications and statements which are face-to-face and those which are transmitted by documents or by media such as intercoms, telephones, television, radio, electronic mail or the Internet.
9. The terms “cost study,” “cost studies,” “cost model” and “cost analyses” means the detailed development of a rate element or of rate elements through a methodology based upon engineering, operational, economic, accounting, or financial inputs, plus support for the sources of the inputs or support for the derivations of the inputs, that enables a person using the study, studies, model or analyses to start with the support for each input and to then trace the support to the input, and to then be able to trace the input through the methodology to the resulting cost and then to the resulting rate element.
10. The term “cross connect” refers to an optical cable or copper cable that connects a CLEC’s collocation arrangement to the ILEC MDF.
11. The term “customer location” refers to a building or set of connected, contiguous, or adjacent buildings in a common area, used by residential, commercial, and/or governmental customers that share a primary street address or group of street addresses. It includes multi-unit residential, commercial, and/or governmental premises.
12. The term “customer premises” refers to the physical point at which the end user customer assumes responsibility for telecommunications wiring (i.e., the network interface device (“NID”) for single unit dwellings, and the individual point of demarcation at the end user customer’s unit for multi-unit buildings such as office buildings and apartment buildings).

13. The term “digital” refers to electrical or optical signals representing sound or data which are transmitted in a binary, discontinuous, non-linear format.
14. The term “document,” as used herein, shall have the same meaning and scope as contained in Rule 34 of the Federal Rules of Civil Procedure, and shall include, without limitation, all written, reported, recorded, magnetic, graphic, photographic matter, however produced or reproduced, which is now, or was at any time, in the possession, custody, or control of your company and its affiliates including, but not limited to, all reports, memoranda, notes (including reports, memoranda, notes of telephone, email or oral conversations and conferences), financial reports, data records, letters, envelopes, telegrams, messages, electronic mail (e-mail), studies, analyses, books, articles, magazines, newspapers, booklets, circulars, bulletins, notices, instructions, accounts, pamphlets, pictures, films, maps, work papers, arithmetical computations, minutes of all communications of any type (including inter- and intra-office communications), purchase orders, invoices, statements of account, questionnaires, surveys, graphs, recordings, video or audio tapes, punch cards, magnetic tapes, discs, data cells, drums, printouts, records of any sort of meeting, invoices, diaries, and other data compilations from which information can be obtained, including drafts of the foregoing items and copies or reproductions of the foregoing upon which notations and writings have been made which do not appear on the originals.
15. The term “DS-0” refers to a digital signal at level zero capable of transmitting at 64 kilobits per second.
16. The term “DS-0/voice grade” includes all circuits normally used for the provision of a service to transmit human voice alone. In particular, it includes analog circuits and digital circuits capable of transmitting at levels greater than 2400 baud, up to and including 64 kilobits per second.
17. The term “DS-1” refers to Digital Signal Level 1, which has a transport speed of 1.544Mbps, and can be either unchannelized or channelized into 24 voice grade channels.
18. The term “hot cut” refers to an individual coordinated simultaneous transfer of DS-0/voice grade loops with live customers’ service transferred.
19. The term “identify” or “identifying” means:
  - (a) When used in reference to natural persons: (1) full name; (2) last known address and telephone number; (3) whether the person is currently employed by, associated or affiliated with SWBT; (4) that person’s current or former position; and (5) dates of employment, association or affiliation.
  - (b) When used in reference to a document: (1) its author; (2) actual or intended recipient(s); (3) date of creation; and (4) brief description of its contents.
  - (c) When used in reference to a communication: (1) whether the communication was oral or written; (2) the identity of the communicator; (3) the person receiving the



communication; and (4) the location of the communicator and the person receiving the information, if the communication was oral.

20. The acronym “IDF” refers to intermediate distribution frame, a physical frame located between an MDF and an ILEC switch in a central office or wire center over which end user customer loops are transited for connection to the ILEC switch.
21. The term “ILEC” refers to incumbent local exchange carrier, and includes ILEC’s parent or any subsidiary or affiliate and all current or former officers, directors, employees, agents, representatives, contractors or consultants of ILEC, as well as any persons or other entities who have acted or purported to act on its behalf.
22. The term “LATA” means “Local Access and Transport Area” as that term is defined in the *Modification of Final Judgement, United States v. Western Elec. Co.*, 552F. Supp. 131 (D.D.C. 1982), *aff’d sub nom., Maryland v. United States*, 460 U.S. 1001 (1983).
23. The term “MSA” refers to the Metropolitan Statistical Area as defined by the US Census Bureau and the Office of Management and Budget.
24. The term “qualifying service” refers to all telecommunications services, whether voice or data, and whether analog or digital that have ever been offered or provided by an ILEC pursuant to tariff or an interconnection agreement.
25. The acronym “MDF” refers to main distribution frame, a physical frame located in a central office or wire center that connects loops coming from an end user customer premises to an ILEC switch located in the central office or wire center.
26. “Relate, mention, reference, or pertain” shall be used to mean documents or communications containing, showing, relating, mentioning, referring or pertaining in any way, directly, or indirectly to, or in legal, logical or factual way connection with, a document request, and includes documents underlying, supporting, now or previously attached or appended to, or used in the preparation of any document called for by such request.
27. The term “residential end user” refers to an end user customer, typically an individual or family, who purchases voice or data services at his, her or their place of residence, or household. To the extent that your own tariff and/or business practices define this term differently, please use this definition in your response.
28. The term “Telcordia” refers to Telcordia Technologies, Inc. and its parent(s), current and former affiliates or subsidiaries, and all current or former officers, directors, employees, agents, representatives, contractors or consultants, as well as any persons or other entities who have acted or purported to act on its behalf.

29. The term “wire center” is synonymous with the term “central office,” and refers to the single physical building that houses one or more Class 5/end office ILEC switch(es) and in which end user customer’s loops are cross connected to the Class 5/end office ILEC switch(es).
30. The terms “you,” “your,” “yours”, or “your company” means the carrier or other business entity or proprietorship receiving these Interrogatories, including all affiliates, subsidiaries, officers, agents, attorneys, employees, representatives, agents, and consultants.

### **INTERROGATORIES**

MCI-1 Please state whether BellSouth provides CLECs with real-time, read-only access to all data in all BellSouth OSS (including what some ILECs have called back-office systems) related to loop and transport facilities.

MCI-2 To the extent that the response to MCI-1 indicates that CLECs have real time, read-only access to the described data, please provide a detailed description of the manner in which CLECs may access and use all data in BellSouth OSS related to loop and transport facilities on a real-time, read-only basis.

MCI-3 Please provide a list of all OSS used by BellSouth for pre-ordering, ordering, provisioning, maintenance and repair and billing for UNE loop and transport facilities, including all of the following: 1) full name of system; 2) acronym for system (if any); 3) detailed description of capabilities and function of system; 4) whether system was developed and is maintained by BellSouth or by third party (and name of third party).

MCI-4 Please provide a schematic drawing showing the interrelationships between all OSS used by BellSouth for pre-ordering, ordering, provisioning, maintenance and repair and billing for UNE loop and transport facilities, including but not limited to the following: 1) full name of system; 2) acronym for system (if any). To the extent that this interrogatory can be partially or completely answered by producing existing drawings, charts, or other documents, please identify for disclosure all such drawings, charts, or other documents.

MCI-5 Please provide a detailed process flow chart for all OSS used by BellSouth for pre-ordering, ordering, provisioning, maintenance and repair and billing for UNE loop and transport facilities, including but not limited to the following: 1) full name of system; 2) acronym for system (if any). To the extent that this interrogatory can be partially or completely answered by producing existing drawings, charts, or other documents, please identify for disclosure all such drawings, charts, or other documents.

MCI-6 Please provide a complete set of the current business rules for all OSS used by BellSouth for pre-ordering, ordering, provisioning, maintenance and repair and billing for UNE loop and transport facilities, including but not limited to the following: 1) full name of system; 2) acronym for system (if any). To the extent that this interrogatory can be partially or completely answered by producing existing drawings, charts, or other documents, please identify for disclosure all such drawings, charts, or other documents.

MCI-7 Please provide, on a wire center basis, detailed information concerning dark fiber in the loop plant that is currently available for use by CLECs.

By: \_\_\_\_\_

January \_\_\_\_\_, 2004.

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### CERTIFICATE OF SERVICE

PERSONALLY APPEARED before me, Betty J. DeHart, who, being duly sworn, deposes and says that she is not a party to these proceedings and has no interest therein; that on the 5th day of January, 2004, she served by mail the Second Set of Interrogatories of MCI WorldCom Communications, Inc., Intermedia Communications, Inc., and MCIMetro Access Transmission Services, LLC in the above entitled case upon all counsel of record by causing same to be deposited in an authorized United States Mail Box; that the envelopes containing said document were properly addressed, securely wrapped and sealed and bore the proper postage; and that said envelopes were addressed to the persons indicated below, and via electronic mail by sending copies of same via electronic mail to the email addresses indicated below.

F. David Butler, Esquire  
The Public Service Commission  
State of South Carolina  
Post Office Drawer 11649  
Columbia, S.C. 29211  
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South Carolina Department of Consumer Affairs  
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pfox@mcnair.net

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Betty J. DeHart

SWORN to before me this

\_\_\_\_\_ day of January, 2004..

\_\_\_\_\_(S.)  
Notary Public for South Carolina  
My Commission Expires: \_\_\_\_\_